# NORTHWEST LABORATORIES

of Seattle, Incorporated ESTABLISHED 1896

Technical Services for: Industry, Commerce, Legal Profession & Insurance Industry

241 SOUTH HOLDEN STREET

FAX: (206) 763-3949

SEATTLE, WASHINGTON 98108-4359

Telephone: (206) 763-6252

Report To:

Alaskan Copper Works

Date: September 3, 1993

Report On:

Asbestos Analysis/Bulk Samples

Lab No.:

E 63871

### SUBMITTED:

Four (4) Bulk Samples/Asbestos Analysis

### IDENTIFICATION:

Boiler Samples - M3Ø726A - Top Chamber (Front)

- M3Ø726B - Top Chamber (Back)

- M3Ø726C - Bottom Chamber (Inner)

- M3Ø726D - Bottom Chamber (Outer)

### ANALYSIS BY POLARIZED LIGHT/DISPERSION STAINING MICROSCOPY:

Sample No.	Asbestos, %	Other Fibrous <u>Materials</u>	Non-Fibrous <u>Materials</u>	Comments
M3Ø726A	<1% Asbestos (none detected)		Mineral Sand Mineral Binder	
M3Ø726B	<1% Asbestos (none detected)		Vermiculite Mineral Binder	
M3Ø726C	<1% Asbestos (none detected)		Vermiculite	
M3Ø726D	<1% Asbestos (none detected)		Mineral Granule Acicular Crysta Binders, Carbon	ls

NOTE: <1% Asbestos - Means This Is Not Asbestos Containing Material

NORTHWEST LABORATORIES

Sam LeBarron, Director Analytical Laboratory

mdw

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Report To: Alaskan Copper Works

Date: September 3, 1993

Report On: Asbestos Analysis/Bulk Samples

Lab No.: E 63871

### SUBMITTED:

Four (4) Bulk Samples/Asbestos Analysis

### IDENTIFICATION:

Boiler Samples - M30726A - Top Chamber (Front) - M30726B - Top Chamber (Back) - M30726C - Bottom Chamber (Inner)

- M30726D - Bottom Chamber (Outer)

## ANALYSIS BY POLARIZED LIGHT/DISPERSION STAINING MICROSCOPY:

Sample No.	Asbestos, %	Other Fibrous Materials	Non-Fibrous <u>Materials</u>	Comments
M3Ø726A	<1% Asbestos (none detected)		Mineral Sand Mineral Binder	
M3Ø726B	<1% Asbestos (none detected)		Vermiculite Mineral Binder	
M3Ø726C	<1% Asbestos (none detected)		Vermiculite	
M3Ø726D	<1% Asbestos (none detected)		Mineral Granule Acicular Crysta Binders, Carbon	ls

NOTE: <1% Asbestos - Means This Is Not Asbestos Containing Material

NORTHWEST LABORATORIES

Sam LeBarron,

Analytical Laboratory

wbm

#### INVOICE

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NORTHWEST LABORATORIES 241 South Holden 98108-4359

1530 FIRST

Seattle, WA

680

Alaskan Copper Works P.O. Box 3546 Seattle, Washington 98124 Date September 3, 1993 Report No. F 63871 E 63871 Order No. M3Ø726

IRS No. (b) (6)

TERMS: Net, 30 days. No statement will be sent unless requested. Past due balances are subject to a service charge of 11/2% per month, or if less, the maximum amount permitted by applicable law.

> Asbestos Analysis/Bulk Samples Four (4) Bulk Samples at \$35.00 ea.

\$140.00

Boiler Samples - M3Ø726A

M3Ø726B

- M3Ø726C

- M3Ø726D

Reference:

001-50-20 wbm

#9

SAMPLES DISCARDED WITHIN TWO MONTHS UNLESS OTHERWISE REQUESTED IN WRITING BY YOU.